

MINE SITE VISIT REPORT
New Mexico AML Program

Date of Visit : August 22, 2007 **Weather :** Sunny, hot, windy 95°
Mine/Project Name: Barbara J # 2 Mine – Northwest of Grants, New Mexico
Duration of Visit : 1.0 hour (2:00 pm to 3:00 pm)
Purpose of Visit : Maintenance inspection to the Barbara J # 2 mine, part of the legacy site assessment for AML project sites.
Observations : Travel to the project site; access to this site was from the west off Haystack Road. Access was via a two track dirt road. Location: NE1/4, SE1/4, NW1/4 of Section 30 T.13N., R.9W., Dos Lomas Quad. UTM Zone 13, E 242410 N 3912960, Uranium Mine. This site is on BLM land.

Signs of human activity were recent removal of mine waste. This area is bordered on the south by Haystack Road. Vegetation is similar to undisturbed areas except for waste piles which lacked vegetation. Land use appears to be limited grazing for cattle but not recently. Previous shaft reclamation is hard to find and appears to be a natural part of the landscape. Total site area is approximately 8 acres. The nearest residence appears to be over 1-mile away in the southeast direction.

Background radiometric levels of 20 & 21 $\mu\text{R/hr}$ at 1-meter and ground level respectively, were read utilizing a Ludlum Model-14C survey meter with a NaI Model 44-2 Gamma Scintillator probe and were taken near the Piedra Trieste site. The overall waste and ground within the middle portion of the disturbance area have radiometric levels of 100-157 $\mu\text{R/hr}$ at 1-meter and 100-214 $\mu\text{R/hr}$ at ground level.

This site has areas of mounded waste and multiple concrete pads as well as some hoist equipment. There was one open vent shaft on this site. For complete details see topographic GPS info using the MapGuide map found at http://164.64.103.6/mmdtest/AML_Uranium-DEV.htm

Further action recommended to mitigate radiometric levels. The open vent shaft needs to be backfilled.

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MSV Written:	August 29, 2007 – for files.	CC:	John Kretzmann, Karen Garcia and files.

Photos:



Mine Waste Looking East



Concrete Pads Looking West



Open Vent Shaft Looking North